

ABSTRACT OF THE DISCLOSURE

A process of producing organic compounds, such as acetaminophen, nitroalcohols and indoles, employs a catalyst system of an oxyethylene ether and a metal containing inorganic or organic reagent. The oxyethylene ether at least partially
5 complexes the metal of the inorganic or organic reagent. As such, the reactions may be conducted neat. The processes are environmentally friendly and operationally simple.